

Arcam EBM Q20plus



GE Additive

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Q20plus

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Technical data

Max. build size	350 x 380 mm (Ø x H)
Max. beam power	3kW
Cathode type	Single crystalline
Min. beam diameter	140 µm
Max. EB translation speed	8,000 m/s
Active cooling	Water-cooled heat sink
Minimum chamber pressure	5 x 10 ⁻⁴ mbar
Typical build atmosphere	4 x 10 ⁻³ mbar (partial pressure of He)
He consumption, build process	4 l/h
He consumption, ventilation	100-150 l/build
Power supply	3 x 400 V, 32 A, 7 kW
Size approx.	2,400 x 1,300 x 2,945 mm (W x D x H)
Weight	2,900 kg
CAD interface	Standard: STL

Materials

Arcam EBM Ti6Al4V Grade 5, P-Mtrl
Arcam EBM Ti6Al4V Grade 23, P-Mtrl

